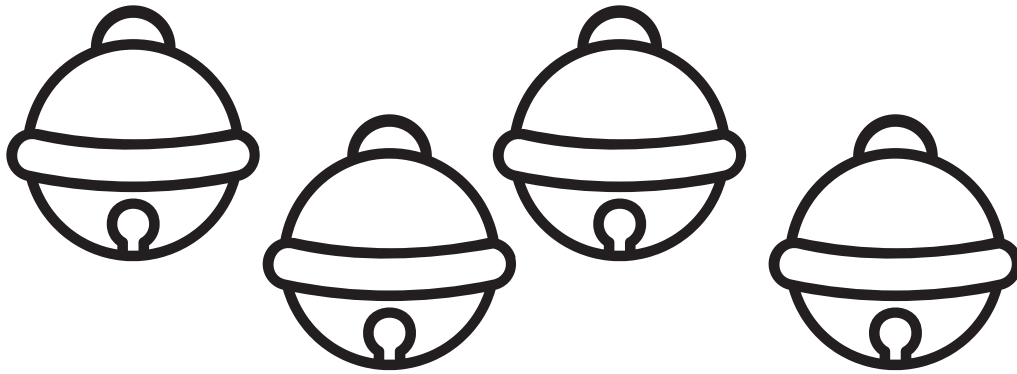


STEM challenge

DESIGN CHALLENGE: MISSION JINGLE BELL



CHALLENGE:

Help Santa's elves and silence a jingle bell! How can you use a clear ornament and a variety of materials to muffle the sound of a single jingle bell? Kids can work in pairs or individually.

TIME CONSTRAINT:

Planning time: 5 minutes

Building Time: 15-20 minutes (or as long as desired)

Reflection time: 5 minutes

Materials:

Plastic (fillable) ornaments, a variety of Christmas materials (tinsel, bows, etc) and a jingle bell

STEM challenge

Prototype: Draw a quick sketch of your idea.

Steps: What steps will you take to make it?

STEM challenge

Evaluate your design. Were you able to completely muffle the sound of the jingle bell?

yes

no

Rate your design:



What did you like about your design?

What would you do to improve it next time?
